

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	120	(deposit\$3 with (ruthenium or rhodium or cobalt or iridium or palladium or nickel or ni or ru or rh or co or ir or pd) with selective) same (tungsten or w)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:20
L2	96	1 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:15
L3	85	2 and (hydrogen or "h.sub.2" or reduc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:15
L4	25	1 same (hydrogen or "h.sub.2" or reduc\$3).	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:21
L5	20	4 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:21
L6	362	(deposit\$3 with (ruthenium or rhodium or cobalt or iridium or palladium or nickel or ni or ru or rh or co or ir or pd) with over with (tungsten or w))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:20
L7	51	6 same (hydrogen or "h.sub.2" or reduc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:47
L8	45	7 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:29
L9	68	((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni) or (ruthenium or ru)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3) same (tungsten or w)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 14:02
L10	61	9 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 14:03
L11	6	10 and mocvd	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:47

L12	469	(mocvd or (metal\$2 adj organic) or (organo adj metal\$3)) same ((hydrogen or "h.sub.2" or reduc\$3) with atmosphere)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:49
L13	201	12 and ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni) or (ruthenium or ru)) and (tungsten or w)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 14:03
L14	88	12 and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni) or (ruthenium or ru)) same (tungsten or w))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 14:03
L15	75	14 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 14:04
S1	5706	semiconductor and precursor and reduc\$3 and metal	USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 18:21
S2	2588	(semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/03/22 09:36
S3	1296	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidiz\$6	USPAT; EPO; JPO; DERWENT	OR	ON	2002/03/22 09:37
S4	985	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidiz\$6) and (titanium or tantalum or tungsten)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/03/22 09:39
S5	292	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidiz\$6) and (titanium or tantalum or tungsten)) and capacitor	USPAT; EPO; JPO; DERWENT	OR	ON	2002/03/22 09:40
S6	216	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidiz\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/03/22 09:44

S7	136	(((((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidiz\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)) and carbon	USPAT; EPO; JPO; DERWENT	OR	ON	2002/03/22 09:58
S8	108	(((((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidiz\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)) and carbon) and electrode	USPAT; EPO; JPO; DERWENT	OR	ON	2002/03/22 09:59
S9	686	(metal\$2 adj organic) with precursor\$1	USPAT; JPO; DERWENT	OR	ON	2002/05/08 08:58
S10	730	(metal\$2 adj organic) with precursor\$1	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 08:58
S11	8627	reduc\$3 near3 (atmosphere or ambient)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 09:00
S12	45030	reduc\$3 near3 (atmosphere or ambient)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 09:00
S13	7	((metal\$2 adj organic) with precursor\$1) same (reduc\$3 near3 (atmosphere or ambient))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 09:09
S14	142	438/686.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 09:10
S15	3	reduc\$3 and (metal\$2 adj precursor)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 09:26
S16	1880	reduc\$3 and (metal\$2 adj organic) and precursor	USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 15:02
S17	12	438/686.ccls. and (reduc\$3 and (metal\$2 adj organic) and precursor)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 09:27
S18	30248	(reduc\$3 or ammonia or nh3) and ((metal\$2 adj organic) or organometallic or metallo-organic)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 11:01
S19	6892	(reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 11:02

S20	4008	((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 11:03
S21	1768	((((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 11:05
S22	3	438/686.ccls. and (((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/03/26 12:01
S23	104491	"438"/\$3.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 11:10
S24	56	((((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) and "438"/\$3.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/08 11:10
S25	33	"5178911"	USPAT; JPO; DERWENT	OR	ON	2002/05/08 14:56
S26	548	mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia)	USPAT; JPO; DERWENT	OR	ON	2002/05/08 14:34
S27	144	"438"/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia))	USPAT; JPO; DERWENT	OR	ON	2002/05/08 14:36
S28	13	("438"/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia))) and (refractory or noble)	USPAT; JPO; DERWENT	OR	ON	2002/05/08 14:47
S29	27	"5480684"	USPAT; JPO; DERWENT	OR	ON	2002/05/08 14:47
S30	1207	westmoreland	USPAT; JPO; DERWENT	OR	ON	2002/05/08 14:56

S31	477	(nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/15 10:00
S32	111	((nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor) and "438"/\$3.ccls. and @ad<"20010816"	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/15 10:21
S33	259	(nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) and capacitor	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/15 11:31
S34	75	((nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) and capacitor) and "438"/\$3.ccls. and @ad<"20010816"	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/15 13:04
S35	84	(nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) same electrode and capacitor	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/15 11:35
S36	32	((nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) same electrode and capacitor) and "438"/\$3.ccls. and @ad<"20010816"	USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/15 13:05
S37	14	"6074945"	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/07 18:02
S38	12	("5130172" "5314727" "5352488" "5372849" "5392189" "5510651" "5520992" "5555486" "5561307" "5566045" "5581436" "5763633").PN.	USPAT	OR	ON	2002/10/07 16:23
S39	12	("5130172" "5314727" "5352488" "5372849" "5392189" "5510651" "5520992" "5555486" "5561307" "5566045" "5581436" "5763633").PN.	USPAT	OR	ON	2002/10/07 16:32
S40	11	"6074945".URPN.	USPAT	OR	ON	2002/10/07 17:33
S41	142	(reducing with atmosphere) and ((metal or metallo) with organic with precursor)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/07 18:03

S42	88	((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and (rhodium or iridium or cobalt or palladium or nickel)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/07 18:35
S43	88	((((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and (rhodium or iridium or cobalt or palladium or nickel)) not (micron adj technology)).asn.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/08 13:16
S44	20	((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and iridium	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/07 18:35
S45	204	(metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/08 13:19
S46	129	((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/08 13:20
S47	76	((((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2"))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/08 13:21
S48	75	(((((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2"))) and @ad<"20010816"	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/08 13:22
S49	4	(((((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2"))) and @ad<"20010816") and (metallo adj organic)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/08 13:22
S50	7	reducing same (tdeat or tdmatt) same metal	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/08 14:01
S51	23740	((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:17

S52	0	((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen) and metallo?1organic	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:18
S53	11630	((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:22
S54	2002178	((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/01 13:34
S55	5644	((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen)) and (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:22
S56	7451	((((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:26
S57	3503	((((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:22
S58	449	((((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:23

S59	271	(((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen))) not (platinum or pt)	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:24
S60	5	((((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen))) not (platinum or pt) and "438"/\$3.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:24
S61	821	(((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:28
S62	98	(((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)) same (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 13:51
S63	11	("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.	USPAT	OR	ON	2002/10/31 11:56
S64	0	((("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:57

S65	7	((("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:58
S66	0	((("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere)))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 11:58
S67	2	"5668040".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/10/31 13:51
S68	11	("4959745" "5053917" "5191510" "5262920" "5293510" "5352623" "5366920" "5381302" "5382817" "5392189" "5466629").PN.	USPAT	OR	ON	2002/10/31 13:52
S69	2	"5856236".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/01 13:20
S70	11	("h.sub.2" or hydrogen) same (metallo near2 organic) same (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/01 13:38
S71	12	(ir or rh or pd or ni or co) same (metallo near2 organic) same (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta))	USPAT; EPO; JPO; DERWENT	OR	ON	2002/11/01 13:39
S72	2	"5130172".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/12/10 15:58
S73	2	"5856236".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2002/12/10 15:58

S74	3387	@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:15
S75	9	(@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and 438/681.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/03/26 12:58
S76	41	(@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and ((etch\$3 or pattern\$3 or photolithography) with (organometallic or (metal\$2 adj organic)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/03/26 13:06
S77	333	@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:47
S78	3	(@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:31

S79	31	(@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:34
S80	90	@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:45
S81	17	(@ad<"20010816" and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:34
S82	257	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:46
S83	218	(((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) and @ad<"20010816"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:48
S84	47	(((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same (refractory or ti or wn or w or tan or ta)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 18:37

S85	42	(((((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same (refractory or ti or wn or w or tan or ta)) and @ad<"20010816"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/01 17:48
S86	26	(((((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/04 11:12
S87	24	(((((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj nitride)) and @ad<"20010816"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/08/04 11:13
S88	2	"6617248".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 14:40
S89	4391	reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) and (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 15:05
S90	1363	reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 15:08
S91	421	(reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or pt or ti)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 15:06

S92	393	((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or pt or ti)) and (@ad<"20010816" or @rlad<"20010816"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 15:07
S93	43	((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with ammonia or "nh.sub.3" or hydrogen or "h.sub.2")) not (titanium or platinum or pt or ti)) and (@ad<"20010816" or @rlad<"20010816")) and "438"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 15:16
S94	2	"6143191".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 15:35
S95	2	"6294425".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/11 15:35
S96	2	"6197628".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 14:02
S97	2986	(reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic))) and (tungsten or (tungsten adj nitride) or w or wn) and (@ad<"20010816" or @rlad<"20010816"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 15:18
S98	246	(reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (tungsten or (tungsten adj nitride) or w or wn)) and (@ad<"20010816" or @rlad<"20010816"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 16:31
S99	26	((reduc\$3 same ((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (tungsten or (tungsten adj nitride) or w or wn)) and (@ad<"20010816" or @rlad<"20010816")) and "438"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 16:38

S10 0	4199	((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) and (tungsten or (tungsten adj nitride) or w or wn) and (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 16:34
S10 1	197	((((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) with (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")))) and (tungsten or (tungsten adj nitride) or w or wn) and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 16:51
S10 2	15	(((((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) with (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")))) and (tungsten or (tungsten adj nitride) or w or wn) and (@ad<"20010816" or @rlad<"20010816")) and "438"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 16:38
S10 3	43	((((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) same tungsten) and (@ad<"20010816" or @rlad<"20010816"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 17:41
S10 4	26	((((metal\$2 adj organic) or organometallic or "metallo-organic" or (organo adj metallic)) same (reduc\$3 with (hydrogen or "h.sub.2" or ammonia or "nh.sub.3")) same barrier) and (@ad<"20010816" or @rlad<"20010816"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 19:06
S10 5	2	"6063705".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 19:17
S10 6	2	"5372849".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/06 19:17

S10 7	6	"6515843".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 18:21
S10 8	103	deposit\$3 with (ruthenium or rhodium or cobalt or iridium) with lower with temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 19:10
S10 9	78	S108 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 19:10
S11 0	196	deposit\$3 with (ruthenium or rhodium or cobalt or iridium) with selective	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:13
S11 1	147	S110 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 19:12
S11 2	42	S110 same (tungsten or w)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/05 19:12
S11 3	32	S112 and (@ad<"20010816" or @rlad<"20010816")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 13:14